

10/553105

SEQUENCE LISTING

JC20 Rec'd PCT/PTO 1 2 OCT 2005

<110> LAEREMANS, Toon
VAN BERGEN EN HENEGOUWEN, Paul P.M.P.

<120> CAMELIDAE SINGLE DOMAIN ANTIBODIES VHH DIRECTED AGAINST EPIDERMAL
GROWTH FACTOR RECEPTOR AND USES THEREFOR

<130> A0848.70011US00

<140> PCT/BE2003/000189

<141> 2003-11-07

<160> 75

<170> PatentIn version 3.3

<210> 1

<211> 127

<212> PRT

<213> Lama glama

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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Asn Tyr
20 25 30

Val Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Asp Phe Val
35 40 45

Val Gly Ile Gly Arg Ser Gly Gly Asp Asn Thr Tyr Tyr Ala Asp Ser
50 55 60

Val Lys Gly Arg Phe Thr Ile Ser Trp Asp Asn Ala Lys Asn Thr Met
65 70 75 80

Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Ala Ser Thr Tyr Ser Arg Asp Thr Ile Phe Thr Lys Trp Ala
100 105 110

Asn Tyr Asn Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Lys Ala Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr
20 25 30

Val Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Gly Ala Ile His Trp Ser Gly Gly Arg Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Ser Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Ser Arg Ile Ile Tyr Ser Tyr Val Asn Tyr Val Asn Pro Gly
100 105 110

Glu Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His
20 25 30

Tyr Met Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Ala Asp Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Lys Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ser Ala Ile Ser Trp Ser Asp Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Val Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Thr Tyr Leu Val Asp Val Trp Ala Val His Val Pro Ile Arg
100 105 110

Pro Tyr Glu Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser
115 120 125

Ser

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Gln Val Gln Leu Gln Asp Ser Gly Gly Gly Leu Val Gln Ala Gly Asp
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ser Phe Gly Gly Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Ser Trp Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Leu
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Leu Tyr Tyr Cys
85 90 95

Ala Ala Gly Leu Arg Pro Ser Pro Asn Tyr Asn His Glu Arg Ser Tyr
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
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Ser Leu Leu Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Asn Trp Ser Gly Gly Ser Thr Ser Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Thr Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Ala Phe Tyr Cys
85 90 95

Ala Ala Thr Tyr Asn Pro Tyr Ser Arg Asp His Tyr Phe Pro Arg Met

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Ala	Met	Gly	Trp	Phe	Arg	Gln	Ala	Pro	Gly	Lys	Glu	Arg	Glu	Phe	Val
		35					40					45			
Ala	Ala	Ile	Gly	Leu	Asn	Thr	Tyr	Tyr	Ala	Asp	Ser	Val	Lys	Gly	Arg
	50					55					60				
Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Thr	Val	Tyr	Leu	Gln	Met
65						70					75				80
Asn	Ser	Leu	Lys	Pro	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Ala	Arg
				85					90					95	
Thr	Ser	Gly	Val	Val	Gly	Gly	Thr	Pro	Lys	Arg	Tyr	Asp	Tyr	Trp	Gly
			100					105						110	
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Ser	Leu	Lys	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Arg	Gly	Phe	Ser	Arg	Tyr
			20					25					30		
Ala	Met	Gly	Trp	Phe	Arg	Gln	Ala	Pro	Gly	Gln	Asp	Arg	Glu	Phe	Val
		35					40					45			
Ala	Thr	Ile	Ser	Trp	Thr	Asn	Ser	Thr	Asp	Tyr	Ala	Asp	Ser	Val	Lys
	50					55					60				
Gly	Arg	Phe	Ala	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Thr	Ala	Tyr	Leu
65						70					75				80
Gln	Met	Asn	Ser	Leu	Lys	Pro	Glu	Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala
				85					90					95	
Ala	Asp	Lys	Trp	Ala	Ser	Ser	Thr	Arg	Ser	Ile	Asp	Tyr	Asp	Tyr	Trp
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Gly Gln Gly Ile Gln Val Thr Val Ser Ser
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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Asn Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Asn Trp Gly Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Ser Glu Trp Gly Gly Ser Asp Tyr Asp His Asp Tyr Asp Tyr
100 105 110

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ser Phe Ser Ser Tyr
20 25 30

Ala Met Ala Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Ser Trp Gly Gly Gly Ser Thr Tyr Tyr Ala Val Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Arg Tyr Tyr Cys
85 90 95

Ala Ala Asp Glu Thr Phe His Ser Ser Ala Tyr Gly Glu Tyr Glu Tyr
100 105 110

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Thr Ala Ser Gly Arg Thr Phe Ser Ser Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Thr Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Thr Ser Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Ser Thr Met Tyr
65 70 75 80

Leu Gln Met Asp Ser Leu Met Leu Asp Asp Thr Ser Val Tyr Tyr Cys
85 90 95

Ala Ala Asp Ser Ser Arg Pro Gln Tyr Ser Asp Ser Ala Leu Arg Arg
100 105 110

Ile Leu Ser Leu Ser Asn Ser Tyr Pro Tyr Trp Gly Gln Gly Thr Gln
115 120 125

Val Thr Val Ser Ser
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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Ala Ser Gly Phe Thr Phe Ala Asp Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Gln Trp Val
35 40 45

Ser Ser Ile Ser Tyr Asn Gly Asp Thr Thr Tyr Tyr Ala Glu Ser Met
50 55 60

Lys Asp Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ser Ser Gly Ser Tyr Tyr Pro Gly His Phe Glu Ser Trp Gly Gln
100 105 110

Gly Thr Gln Val Thr Val Ser Ser
115 120

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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Gly Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Glu Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Ser Trp Arg Gly Thr Ser Thr Tyr Tyr Gly Asp Ser Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Gly Ser His Ser Asp Tyr Ala Pro Asp Tyr Asp Tyr Trp Gly
100 105 110

Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr
20 25 30

Ala Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Ser Trp Gly Gly Ser Asn Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Gly Glu Val Ser Asn Ser Asp Tyr Ala Tyr Glu Tyr Asp Tyr
100 105 110

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

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Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Thr Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Tyr Ile Met Gly Trp
20 25 30

Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala Gly Ile Ser
35 40 45

Arg Ser Gly Ala Ser Thr Ala Tyr Ala Asp Ser Val Lys Asp Arg Phe
50 55 60

Thr Ile Ser Arg Asp Ser Ala Leu Asn Thr Val Tyr Leu Gln Met Asn
65 70 75 80

Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Phe Cys Ala Ala Ala Leu
85 90 95

Ala Ile Arg Leu Gly Ile Pro Arg Gly Glu Thr Glu Tyr Glu Tyr Trp
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

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<400> 17

Gln Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ser Ala Ser Gly Leu Thr Phe Ser Asn Tyr
20 25 30

Ala Met Ala Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Thr Ile Ser Gln Arg Gly Gly Met Arg His Tyr Leu Asp Ser Val
50 55 60

Lys Asp Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Asp Leu Met Tyr Gly Val Asp Arg Arg Tyr Asp Tyr Trp Gly
100 105 110

Arg Gly Thr Gln Val Thr Val Ser Ser
115 120

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Gln Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Asp
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ser Phe Ser Ser Ile
20 25 30

Thr Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Gln Phe Val
35 40 45

Ser Ala Ile Asn Ser Asn Gly Asn Arg Tyr Tyr Ala Asp Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Ala Val Gln Ala Tyr Ser Ser Ser Ser Asp Tyr Tyr Ser Gln Glu Gly
100 105 110

Ala Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Val Ser Gly Arg Thr Phe Ser Ser Met
20 25 30

Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala Thr
35 40 45

Ile Asn Leu Ser Gly Asp Arg Thr Asp Tyr Ala Asp Ser Val Lys Gly
50 55 60

Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr Val Tyr Leu Gln
65 70 75 80

Met Asp Ser Leu Glu Pro Glu Asp Ser Ala Val Tyr Tyr Cys Ala Gly
85 90 95

Thr Ser Leu Tyr Pro Ser Asn Leu Arg Tyr Tyr Thr Leu Pro Gly Thr
100 105 110

Tyr Ala Asp Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

<210> 20
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Gln Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ser Ile Phe Ser Ile Asn
20 25 30

Ala Met Gly Trp Tyr Arg Gln Ala Pro Gly Lys Gln Arg Glu Leu Val
35 40 45

Ala Arg Ile Thr Gly Thr Gly Thr Gly Ile Thr Gly Ala Val Ser Thr
50 55 60

Asn Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn
65 70 75 80

Ala Arg Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp
85 90 95

Thr Ala Val Tyr Tyr Cys Ala Ala Asp Arg Ser Arg Thr Ile Val Val
100 105 110

Pro Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser

115 120 125

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 <400> 21

 Gln Val Gln Leu Gln Asp Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
 1 5 10 15

 Ser Leu Arg Leu Ser Cys Ala Ala Ser Arg Phe Ser Ser Ala Gln Tyr
 20 25 30

 Ala Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Gly Val
 35 40 45

 Ser Tyr Ile Thr Phe Ser Gly Gly Pro Thr Gly Tyr Ala Asp Ser Val
 50 55 60

 Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
 65 70 75 80

 Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

 Ala Ala Arg Pro Tyr Thr Arg Pro Gly Ser Met Trp Val Ser Ser Leu
 100 105 110

 Tyr Asp Asn Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 115 120 125

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 <400> 22

 Gln Val Gln Leu Gln Glu Ser Gly Gly Arg Leu Val Gln Ala Gly Gly
 1 5 10 15

 Ser Leu Arg Leu Ser Cys Ala Ala Ser Glu His Thr Phe Arg Gly Tyr
 20 25 30

 Ala Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
 35 40 45

 Ser Ser Ile Thr Tyr Asp Gly Thr Leu Thr Asn Tyr Ala Asp Ser Val

50	55	60
Thr Gly Arg Phe Thr	Ile Ser Arg Asp Asn	Ala Lys Asn Thr Val Tyr
65	70	75 80
Leu Gln Met Asn Ser	Leu Lys Pro Glu Asp	Thr Ala Val Tyr Val Cys
	85	90 95
Ala Ala Gly Tyr Ser	Tyr Arg Tyr Thr Thr	Leu Asn Gln Tyr Asp Ser
	100	105 110
Trp Gly Gln Gly Thr	Gln Val Thr Val Ser Ser	
	115	120
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<400> 23		
Gln Val Gln Leu Gln	Glu Ser Gly Gly Gly	Leu Val Gln Pro Gly Gly
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Ser Leu Arg Leu Ser	Cys Glu Ala Ser Gly	Phe Thr Phe Ser Arg Phe
	20	25 30
Gly Met Thr Trp Val	Arg Gln Ala Pro Gly	Lys Gly Val Glu Trp Val
	35	40 45
Ser Gly Ile Ser Ser	Leu Gly Asp Ser Thr	Leu Tyr Ala Asp Ser Val
	50	55 60
Lys Gly Arg Phe Thr	Ile Ser Arg Asp Asn	Ala Lys Asn Thr Leu Tyr
65	70	75 80
Leu Gln Met Asn Ser	Leu Lys Pro Glu Asp	Thr Ala Val Tyr Tyr Cys
	85	90 95
Thr Ile Gly Gly Ser	Leu Asn Pro Gly Gly	Gln Gly Thr Gln Val Thr
	100	105 110
Val Ser Ser		
	115	
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<400> 24

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Asn
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Asn Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Glu Pro Glu Trp Val
35 40 45

Ser Ser Ile Ser Gly Ser Gly Ser Asn Thr Ile Tyr Ala Asp Ser Val
50 55 60

Lys Asp Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Ser Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Ser Arg Ser Ser Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser
115

<210> 25

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<400> 25

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Thr Cys Thr Ala Ser Gly Phe Thr Phe Ser Ser Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Ser Asp Ser Gly Thr Lys Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Lys Met Leu Phe
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Val Ile Gly Arg Gly Ser Pro Ser Ser Gln Gly Thr Gln Val Thr Val
100 105 110

Ser Ser

<210> 26
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<400> 26

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Thr Cys Thr Ala Ser Gly Phe Thr Phe Arg Ser Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Ala Asp Gly Ser Asp Lys Arg Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Gly Lys Lys Met Leu Thr
65 70 75 80

Leu Asp Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Val Ile Gly Arg Gly Ser Pro Ala Ser Gln Gly Thr Gln Val Thr Val
100 105 110

Ser Ser

<210> 27
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<212> PRT
<213> Lama glama

<400> 27

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Glu
115 120 125

Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Asn Tyr Val
145 150 155 160

Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Asp Phe Val Val
165 170 175

Gly Ile Gly Arg Ser Gly Gly Asp Asn Thr Tyr Tyr Ala Asp Ser Val
180 185 190

Lys Gly Arg Phe Thr Ile Ser Trp Asp Asn Ala Lys Asn Thr Met Tyr
195 200 205

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
210 215 220

Ala Ala Ser Thr Tyr Ser Arg Asp Thr Ile Phe Thr Lys Trp Ala Asn
225 230 235 240

Tyr Asn Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
245 250

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<213> Lama glama

<400> 28

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Asn
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Asn Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Glu Pro Glu Trp Val
35 40 45

Ser Ser Ile Ser Gly Ser Gly Ser Asn Thr Ile Tyr Ala Asp Ser Val
50 55 60

Lys Asp Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Ser Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Ser Arg Ser Ser Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Lys Ala Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr Val
145 150 155 160

Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Gly
165 170 175

Ala Ile His Trp Ser Gly Gly Arg Thr Tyr Tyr Ala Asp Ser Val Lys
180 185 190

Gly Arg Phe Thr Ile Ser Ser Asp Asn Ala Lys Asn Thr Leu Tyr Leu
195 200 205

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala
210 215 220

Ala Ser Arg Ile Ile Tyr Ser Tyr Val Asn Tyr Val Asn Pro Gly Glu

225 230 235 240
 Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 245 250

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 <400> 29

 Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

 Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
 20 25 30

 Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
 35 40 45

 Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
 50 55 60

 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
 65 70 75 80

 Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

 Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
 100 105 110

 Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Glu
 115 120 125

 Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser
 130 135 140

 Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His Tyr
 145 150 155 160

 Met Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala
 165 170 175

 Ala Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys Gly
 180 185 190

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu Gln
195 200 205

Met Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala
210 215 220

Asp Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg Gly
225 230 235 240

Gln Gly Thr Gln Val Thr Val Ser Ser
245

<210> 30
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<400> 30

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Asn
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Asn Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Glu Pro Glu Trp Val
35 40 45

Ser Ser Ile Ser Gly Ser Gly Ser Asn Thr Ile Tyr Ala Asp Ser Val
50 55 60

Lys Asp Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Ser Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Ser Arg Ser Ser Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Glu
115 120 125

Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His Tyr
145 150 155 160

Met Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala
165 170 175

Ala Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys Gly
180 185 190

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu Gln
195 200 205

Met Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala
210 215 220

Asp Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg Gly
225 230 235 240

Gln Gly Thr Gln Val Thr Val Ser Ser
245

<210> 31
<211> 248
<212> PRT
<213> Lama glama

<400> 31

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Thr Cys Thr Ala Ser Gly Phe Thr Phe Ser Ser Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Ser Asp Ser Gly Thr Lys Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Lys Met Leu Phe
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Val Ile Gly Arg Gly Ser Pro Ser Ser Gln Gly Thr Gln Val Thr Val
100 105 110

Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Glu Val
115 120 125

Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu
130 135 140

Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His Tyr Met
145 150 155 160

Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala Ala
165 170 175

Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys Gly Arg
180 185 190

Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu Gln Met
195 200 205

Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala Asp
210 215 220

Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg Gly Gln
225 230 235 240

Gly Thr Gln Val Thr Val Ser Ser
245

<210> 32
<211> 248
<212> PRT
<213> Lama glama

<400> 32

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Thr Cys Thr Ala Ser Gly Phe Thr Phe Arg Ser Phe
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Ala Asp Gly Ser Asp Lys Arg Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Gly Lys Lys Met Leu Thr
65 70 75 80

Leu Asp Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys

85

90

95

Val Ile Gly Arg Gly Ser Pro Ala Ser Gln Gly Thr Gln Val Thr Val
 100 105 110

Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Glu Val
 115 120 125

Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu
 130 135 140

Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His Tyr Met
 145 150 155 160

Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala Ala
 165 170 175

Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys Gly Arg
 180 185 190

Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu Gln Met
 195 200 205

Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala Asp
 210 215 220

Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg Gly Gln
 225 230 235 240

Gly Thr Gln Val Thr Val Ser Ser
 245

<210> 33
 <211> 256
 <212> PRT
 <213> Lama glama

<400> 33

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
 20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
 35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly Ser
130 135 140

Leu Leu Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr Ala
145 150 155 160

Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala
165 170 175

Ala Ile Asn Trp Ser Gly Gly Ser Thr Ser Tyr Ala Asp Ser Val Lys
180 185 190

Gly Arg Phe Thr Ile Ser Arg Asp Asn Thr Lys Asn Thr Val Tyr Leu
195 200 205

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Ala Phe Tyr Cys Ala
210 215 220

Ala Thr Tyr Asn Pro Tyr Ser Arg Asp His Tyr Phe Pro Arg Met Thr
225 230 235 240

Thr Glu Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
245 250 255

<210> 34
<211> 249
<212> PRT
<213> Lama glama

<400> 34

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Glu Ser Gly Gly Arg Leu Val Gln Thr Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Gly Gly Thr Phe Gly Thr Tyr Ala
145 150 155 160

Leu Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala
165 170 175

Ala Ile Ser Arg Phe Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys Gly
180 185 190

Arg Phe Thr Ile Ser Arg Asp Asn Ala Asn Asn Thr Val Tyr Leu Glu
195 200 205

Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala
210 215 220

Arg Glu Gly Val Ala Leu Gly Leu Arg Asn Asp Ala Asn Tyr Trp Gly
225 230 235 240

Gln Gly Thr Gln Val Thr Val Ser Ser
245

<210> 35

<211> 248
<212> PRT
<213> Lama glama

<400> 35

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Asp Ser Gly Gly Gly Leu Val Gln Ala Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Gly Gly Thr Phe Ser Ser Tyr Ala
145 150 155 160

Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala
165 170 175

Ala Ile Gly Leu Asn Thr Tyr Tyr Ala Asp Ser Val Lys Gly Arg Phe
180 185 190

Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu Gln Met Asn
195 200 205

Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala Arg Thr
210 215 220

Ser Gly Val Val Gly Gly Thr Pro Lys Arg Tyr Asp Tyr Trp Gly Gln
225 230 235 240

Gly Thr Gln Val Thr Val Ser Ser
245

<210> 36
<211> 249
<212> PRT
<213> Lama glama

<400> 36

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Glu Ser Gly Gly Gly Ser Val Gln Ala Gly Gly Ser
130 135 140

Leu Lys Leu Ser Cys Ala Ala Ser Gly Arg Gly Phe Ser Arg Tyr Ala
145 150 155 160

Met Gly Trp Phe Arg Gln Ala Pro Gly Gln Asp Arg Glu Phe Val Ala
165 170 175

Thr Ile Ser Trp Thr Asn Ser Thr Asp Tyr Ala Asp Ser Val Lys Gly
180 185 190

Arg Phe Ala Ile Ser Arg Asp Asn Ala Lys Asn Thr Ala Tyr Leu Gln
195 200 205

Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala
210 215 220

Asp Lys Trp Ala Ser Ser Thr Arg Ser Ile Asp Tyr Asp Tyr Trp Gly
225 230 235 240

Gln Gly Ile Gln Val Thr Val Ser Ser
245

<210> 37
<211> 250
<212> PRT
<213> Lama glama

<400> 37

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Asn Tyr Ala
145 150 155 160

Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ala
165 170 175

Ala Ile Asn Trp Gly Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val Lys
180 185 190

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
195 200 205

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala
210 215 220

Ala Ser Glu Trp Gly Gly Ser Asp Tyr Asp His Asp Tyr Asp Tyr Trp
225 230 235 240

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
245 250

<210> 38
<211> 253
<212> PRT
<213> Lama glama

<400> 38

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln

115	120	125
Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly Ser		
130	135	140
Leu Arg Leu Ser Cys Ala Ala Ser Gly Ser Ile Phe Ser Ile Asn Ala		
145	150	155
		160
Met Gly Trp Tyr Arg Gln Ala Pro Gly Lys Gln Arg Glu Leu Val Ala		
	165	170
		175
Arg Ile Thr Gly Thr Gly Thr Gly Ile Thr Gly Ala Val Ser Thr Asn		
	180	185
		190
Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala		
	195	200
		205
Arg Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr		
	210	215
		220
Ala Val Tyr Tyr Cys Ala Ala Asp Arg Ser Arg Thr Ile Val Val Pro		
225	230	235
		240
Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser		
	245	250
<210> 39		
<211> 253		
<212> PRT		
<213> Lama glama		
<400> 39		
Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly		
1	5	10
		15
Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe		
	20	25
		30
Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val		
	35	40
		45
Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val		
	50	55
		60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr		
65	70	75
		80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Asp Ser Gly Gly Gly Leu Val Gln Ala Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Arg Phe Ser Ser Ala Gln Tyr Ala
145 150 155 160

Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Gly Val Ser
165 170 175

Tyr Ile Thr Phe Ser Gly Gly Pro Thr Gly Tyr Ala Asp Ser Val Lys
180 185 190

Gly Arg Phe Thr Val Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
195 200 205

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala
210 215 220

Ala Arg Pro Tyr Thr Arg Pro Gly Ser Met Trp Val Ser Ser Leu Tyr
225 230 235 240

Asp Asn Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
245 250

<210> 40
<211> 250
<212> PRT
<213> Lama glama

<400> 40

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser Arg Phe
20 25 30

Gly Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Val Glu Trp Val
35 40 45

Ser Gly Ile Ser Ser Leu Gly Asp Ser Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Ile Gly Gly Ser Leu Asn Pro Gly Gly Gln Gly Thr Gln Val Thr
100 105 110

Val Ser Ser Glu Pro Lys Thr Pro Lys Pro Gln Pro Ala Ala Ala Gln
115 120 125

Val Gln Leu Gln Glu Ser Gly Gly Arg Leu Val Gln Ala Gly Gly Ser
130 135 140

Leu Arg Leu Ser Cys Ala Ala Ser Glu His Thr Phe Arg Gly Tyr Ala
145 150 155 160

Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ser
165 170 175

Ser Ile Thr Tyr Asp Gly Thr Leu Thr Asn Tyr Ala Asp Ser Val Thr
180 185 190

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
195 200 205

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Val Cys Ala
210 215 220

Ala Gly Tyr Ser Tyr Arg Tyr Thr Thr Leu Asn Gln Tyr Asp Ser Trp
225 230 235 240

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
245 250

<210> 41
<211> 128
<212> PRT
<213> Lama glama

<400> 41

Ala Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Asp
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Val Ser Gly Thr Thr Phe Ser Ser Ala
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Gly Ala Ile Lys Trp Ser Gly Thr Ser Thr Tyr Tyr Thr Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Val Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Asn Leu Lys Pro Glu Asp Thr Gly Val Tyr Thr Cys
85 90 95

Ala Ala Asp Arg Asp Arg Tyr Arg Asp Arg Met Gly Pro Met Thr Thr
100 105 110

Thr Asp Phe Arg Phe Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

<210> 42
<211> 124
<212> PRT
<213> Lama glama

<400> 42

Gln Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Thr Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Phe
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Arg Glu Arg Glu Phe Val
35 40 45

Ala Ser Ile Gly Ser Ser Gly Ile Thr Thr Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Gly Leu Cys Tyr Cys
85 90 95

Ala Val Asn Arg Tyr Gly Ile Pro Tyr Arg Ser Gly Thr Gln Tyr Gln

100

105

110

Asn Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 115 120

<210> 43
 <211> 120
 <212> PRT
 <213> Lama glama

<400> 43

Glu Val Gln Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Leu Thr Phe Asn Asp Tyr
 20 25 30

Ala Met Gly Trp Tyr Arg Gln Ala Pro Gly Lys Glu Arg Asp Met Val
 35 40 45

Ala Thr Ile Ser Ile Gly Gly Arg Thr Tyr Tyr Ala Asp Ser Val Lys
 50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
 65 70 75 80

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Ile Tyr Tyr Cys Val
 85 90 95

Ala His Arg Gln Thr Val Val Arg Gly Pro Tyr Leu Leu Trp Gly Gln
 100 105 110

Gly Thr Gln Val Thr Val Ser Ser
 115 120

<210> 44
 <211> 123
 <212> PRT
 <213> Lama glama

<400> 44

Gln Val Gln Leu Val Glu Ser Gly Gly Lys Leu Val Gln Ala Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Asn Tyr
 20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val

35	40	45
Ala Gly Ser Gly Arg Ser Asn Ser Tyr Asn Tyr Tyr Ser Asp Ser Val		
50	55	60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr		
65	70	75
Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys		
	85	90
Ala Ala Ser Thr Asn Leu Trp Pro Arg Asp Arg Asn Leu Tyr Ala Tyr		
	100	105
Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser		
	115	120
<210> 45		
<211> 125		
<212> PRT		
<213> Lama glama		
<400> 45		
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Asp		
1	5	10
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ser Leu Gly Ile Tyr		
	20	25
Arg Met Gly Trp Phe Arg Gln Val Pro Gly Lys Glu Arg Glu Phe Val		
	35	40
Ala Ala Ile Ser Trp Ser Gly Gly Thr Thr Arg Tyr Leu Asp Ser Val		
	50	55
Lys Gly Arg Phe Thr Ile Ser Arg Asp Ser Thr Lys Asn Ala Val Tyr		
65	70	75
Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys		
	85	90
Ala Val Asp Ser Ser Gly Arg Leu Tyr Trp Thr Leu Ser Thr Ser Tyr		
	100	105
Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser		
	115	120
		125

<210> 46
<211> 125
<212> PRT
<213> Lama glama

<400> 46

Gln Val Gln Leu Val Glu Phe Gly Gly Gly Leu Val Gln Ala Gly Asp
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ser Leu Gly Ile Tyr
20 25 30

Lys Met Ala Trp Phe Arg Gln Val Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Ser Trp Ser Gly Gly Thr Thr Arg Tyr Ile Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Leu Ser Arg Asp Asn Thr Lys Asn Met Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Val Asp Ser Ser Gly Arg Leu Tyr Trp Thr Leu Ser Thr Ser Tyr
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

<210> 47
<211> 124
<212> PRT
<213> Lama glama

<400> 47

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Ser Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Pro Tyr
20 25 30

Thr Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Leu
35 40 45

Ala Gly Val Thr Trp Ser Gly Ser Ser Thr Phe Tyr Gly Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ala Ser Arg Asp Ser Ala Lys Asn Thr Val Thr
65 70 75 80

Leu Glu Met Asn Ser Leu Asn Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Ala Tyr Gly Gly Gly Leu Tyr Arg Asp Pro Arg Ser Tyr Asp
100 105 110

Tyr Trp Gly Arg Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 48

<211> 131

<212> PRT

<213> Lama glama

<400> 48

Ala Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Leu Asp Ala Trp
20 25 30

Pro Ile Ala Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Gly Val
35 40 45

Ser Cys Ile Arg Asp Gly Thr Thr Tyr Tyr Ala Asp Ser Val Lys Gly
50 55 60

Arg Phe Thr Ile Ser Ser Asp Asn Ala Asn Asn Thr Val Tyr Leu Gln
65 70 75 80

Thr Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala Ala
85 90 95

Pro Ser Gly Pro Ala Thr Gly Ser Ser His Thr Phe Gly Ile Tyr Trp
100 105 110

Asn Leu Arg Asp Asp Tyr Asp Asn Trp Gly Gln Gly Thr Gln Val Thr
115 120 125

Val Ser Ser
130

<210> 49

<211> 126

<212> PRT

<213> Lama glama

<400> 49

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp His Tyr
20 25 30

Thr Ile Gly Trp Phe Arg Gln Val Pro Gly Lys Glu Arg Glu Gly Val
35 40 45

Ser Cys Ile Ser Ser Ser Asp Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Ser Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Thr Leu Glu Pro Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Gly Gly Leu Leu Leu Arg Val Glu Glu Leu Gln Ala Ser Asp
100 105 110

Tyr Asp Tyr Trp Gly Gln Gly Ile Gln Val Thr Val Ser Ser
115 120 125

<210> 50

<211> 128

<212> PRT

<213> Lama glama

<400> 50

Ala Val Gln Leu Val Asp Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Thr Ala Ser Gly Phe Thr Leu Asp Tyr Tyr
20 25 30

Ala Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Gly Val
35 40 45

Ala Cys Ile Ser Asn Ser Asp Gly Ser Thr Tyr Tyr Gly Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Thr Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Thr Ala Asp Arg His Tyr Ser Ala Ser His His Pro Phe Ala Asp
100 105 110

Phe Ala Phe Asn Ser Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

<210> 51
<211> 120
<212> PRT
<213> Lama glama

<400> 51

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Tyr Gly Leu Thr Phe Trp Arg Ala
20 25 30

Ala Met Ala Trp Phe Arg Arg Ala Pro Gly Lys Glu Arg Glu Leu Val
35 40 45

Val Ala Arg Asn Trp Gly Asp Gly Ser Thr Arg Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Val Arg Thr Tyr Gly Ser Ala Thr Tyr Asp Ile Trp Gly Gln
100 105 110

Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 52
<211> 123
<212> PRT
<213> Lama glama

<400> 52

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Asp Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ile Phe Ser Gly Arg Thr Phe Ala Asn Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Asn Arg Asn Gly Gly Thr Thr Asn Tyr Ala Asp Ala Leu
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Thr Lys Asn Thr Ala Phe
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Arg Glu Trp Pro Phe Ser Thr Ile Pro Ser Gly Trp Arg Tyr
100 105 110

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 53
<211> 125
<212> PRT
<213> Lama glama

<400> 53

Asp Val Gln Leu Val Glu Ser Gly Gly Gly Trp Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Pro Thr Ala Ser Ser His
20 25 30

Ala Ile Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Val Gly Ile Asn Arg Gly Gly Val Thr Arg Asp Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Ala Val Ser Arg Asp Asn Val Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Arg Leu Lys Pro Glu Asp Ser Ala Ile Tyr Ile Cys
85 90 95

Ala Ala Arg Pro Glu Tyr Ser Phe Thr Ala Met Ser Lys Gly Asp Met
100 105 110

Asp Tyr Trp Gly Lys Gly Thr Leu Val Thr Val Ser Ser
115 120 125

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<400> 54
ggctgagctc ggtggctctg gct 23

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<400> 55
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<210> 60
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<210> 62
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 <212> DNA
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<210> 64
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 <213> Lama glama
 <400> 64
 ggataacaat ttcacacagg 20

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 <212> PRT
 <213> Lama glama
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Ala Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His
 20 25 30

Tyr Met Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
 35 40 45

Ala Ala Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Ala Asp Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 66
<211> 122
<212> PRT
<213> Lama glama

<400> 66

Gln Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Asp
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser His
20 25 30

Tyr Met Ser Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Thr Ser Ser Ser Arg Thr Tyr Tyr Thr Glu Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr Leu
65 70 75 80

Gln Met Asp Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Ala Asp Arg Thr Phe Tyr Gly Ser Thr Trp Ser Lys Tyr Asp Tyr Arg
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 67
<211> 127
<212> PRT

<213> Lama glama

<400> 67

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Asn Tyr
20 25 30

Val Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Asp Phe Val
35 40 45

Val Gly Ile Gly Arg Ser Gly Gly Asp Asn Thr Tyr Tyr Ala Asp Ser
50 55 60

Val Lys Gly Arg Phe Thr Ile Ser Trp Asp Asn Ala Lys Asn Thr Met
65 70 75 80

Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Ala Ser Thr Tyr Ser Arg Asp Thr Ile Phe Thr Lys Trp Ala
100 105 110

Asn Tyr Asn Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120 125

<210> 68

<211> 123

<212> PRT

<213> Lama glama

<400> 68

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ser Phe Ser Ser Tyr
20 25 30

Ala Met Ala Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Ser Trp Gly Gly Gly Ser Thr Tyr Tyr Ala Val Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Arg Tyr Tyr Cys
85 90 95

Ala Ala Asp Glu Thr Phe His Ser Ser Ala Tyr Gly Glu Tyr Glu Tyr
100 105 110

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 69
<211> 122
<212> PRT
<213> Lama glama

<400> 69

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Ser Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Arg Ser Phe Ser Thr Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Gln Asp Arg Glu Phe Val
35 40 45

Ala Thr Ile Ser Trp Thr Asp Ser Thr Asp Tyr Ala Asp Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Gly Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Ala Asp Arg Trp Ala Ser Ser Arg Arg Asn Val Asp Tyr Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 70
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<212> PRT
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<400> 70

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Ser Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Thr Ala Ser Gly Arg Arg Phe Ser Thr Tyr
20 25 30

Ala Val Gly Trp Phe Arg Gln Ala Pro Gly Gln Asp Arg Glu Phe Val
35 40 45

Ala Thr Ile Ser Trp Thr Asn Ser Thr Asp Tyr Ala Asp Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Gly Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ser Val Tyr Val Cys Ala
85 90 95

Ala Asp Lys Trp Ser Ser Ser Arg Arg Ser Val Asp Tyr Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 71
<211> 122
<212> PRT
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<400> 71

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Ser Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Thr Ala Ser Gly Arg Arg Phe Ser Thr Tyr
20 25 30

Ala Val Gly Trp Phe Arg Gln Ala Pro Gly Gln Asp Arg Glu Phe Val
35 40 45

Ala Thr Ile Ser Trp Thr Asn Ser Thr Asp Tyr Ala Asp Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Gly Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ser Val Tyr Val Cys Ala
85 90 95

Ala Asp Lys Trp Ser Ser Ser Arg Arg Ser Val Asp Tyr Asp Tyr Trp
100 105 110

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
115 120

<210> 72
<211> 129
<212> PRT
<213> Lama glama

<400> 72

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Leu Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Asn Trp Ser Gly Gly Ser Thr Ser Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Asp Asn Thr Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Ala Phe Tyr Cys
85 90 95

Ala Ala Thr Tyr Asn Pro Tyr Ser Arg Asp His Tyr Phe Pro Arg Met
100 105 110

Thr Thr Glu Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser
115 120 125

Ser

<210> 73
<211> 129
<212> PRT
<213> Lama glama

<400> 73

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Leu Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Ser Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ala Ala Ile Asn Trp Ser Gly Gly Ser Thr Ser Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Thr Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Ala Phe Tyr Cys
85 90 95

Ala Ala Thr Tyr Asn Pro Tyr Ser Arg Asp His Tyr Phe Pro Arg Met
100 105 110

Thr Thr Glu Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser
115 120 125

Ser

<210> 74
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<212> PRT
<213> Lama glama

<400> 74

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Lys Tyr
20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val
35 40 45

Ser Ala Ile Ser Trp Ser Asp Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
65 70 75 80

Leu Gln Val Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ala Thr Tyr Leu Val Asp Val Trp Ala Val His Val Pro Ile Arg

100

105

110

Pro Tyr Glu Tyr Asp Tyr Trp Gly Gln Gly Thr Gln Val Ser Val Ser
 115 120 125

Ser

<210> 75
 <211> 121
 <212> PRT
 <213> Lama glama

<400> 75

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Ala Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Thr Phe Ser Gly Tyr
 20 25 30

Ala Met Gly Trp Phe Arg Gln Ala Pro Gly Glu Glu Arg Glu Phe Val
 35 40 45

Ala Ala Ile Ser Trp Arg Gly Thr Ser Thr Tyr Tyr Gly Asp Ser Ala
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Val Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Ala Gly Ser His Ser Asp Tyr Ala Pro Asp Tyr Asp Tyr Trp Gly
 100 105 110

Gln Gly Thr Gln Val Thr Val Ser Ser
 115 120